Amendments to the specification:

Kindly replace the first paragraph on page 12 of the originally-filed specification, (the paragraph beginning at line 4 of said page 12) with the following revised paragraph:

Pursuant to the U.S. Patent No. 6,657,960 B1 and U.S. patent application serial number 09/540,428 references incorporated above, ~~W~~with regard to (1) the first part of the two-part algorithm (BAT without SARED but with hysteresis), the Transmit fraction of BAT for flow i, Ti, is defined as follows:

If fi(t) <= fi,min	then Ti(t + dt) = min(1, Ti(t) + w);
else if fi(t) > fi,max	then Ti(t + dt) = Ti(t)(1-w);
else if B(t) = 1	then Ti(t + dt) = min(1, Ti(t)+CiBavg(t));
otherwise	then Ti(t + dt) = Ti(t)(1-DiOi(t));

where Ci and Di are constants used for increment and decrement, respectively, of Ti, fi,min is the minimum flow for the i^{th} pipe, and fi,max is the maximum flow for the i^{th} pipe. Ci and Di are defined by subscription of each flow, fi,min, and the service rate of the system, S. They are given as follows:

Ci = (S + fi,min-(fl,min + f2,min +... + fn,min))/16; and

Di = (S - fi,min)*4.

Hysteresis is incorporated according to the following algorithm: if hysteresis is on and the queue level is less than the hysteresis threshold, then no packet will be dropped -- i.e., Ti is updated but does not apply to packets; else, if hysteresis is off, then packets are processed as normal -- i.e. Ti is applied to each packet.